

Converting Colors

Yxy(38.6894, 0.3656, 0.3230)

Have a look what the booklet for
Yxy(38.6894, 0.3656, 0.3230)
contains.

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Color

Yxy(38.8064, 0.3649, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	D1999E
RGB	209, 153, 158
RGB Percent	82%, 60%, 62%
CMY	0.1804, 0.4000, 0.3804
CMYK	0.00, 0.27, 0.24, 0.18
HSL	355°, 38%, 71%
HSV	355°, 27%, 82%
XYZ	43.8540, 38.8064, 37.5205
YIQ	170.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

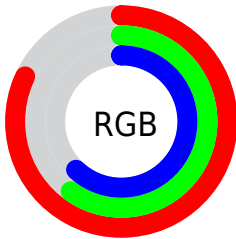
Format	Color
R_{YB}	209, 153, 158
Decimal	13736350
CIE _{Lab}	68.61, 21.66, 5.66
CIE _{LCh}	69, 22.388, 14.655
Yxy	38.8064, 0.3649, 0.3229
Android (android.graphics.Color)	4291926430 (0xFFD1999E)
YUV	170.3140, -6.0708, 33.9276
Hunter-Lab	62.2948, 16.6437, 7.8957

Details

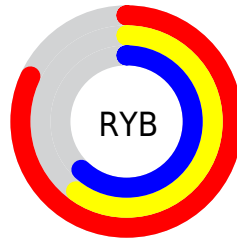
The Yxy color **38.8064, 0.3649, 0.3229** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7294, 0.2768, 0.3353**, and the grayscale version is **40.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1758, 0.3451, 0.3240**, and **17.3366, 0.3800, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **31.9494, 0.3934, 0.3206**, and if you desaturate by 10%, it is **46.9668, 0.3418, 0.3253**.

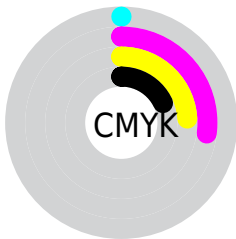
Distribution



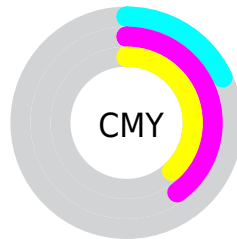
- Red (82%)
- Green (60%)
- Blue (62%)



- Red (82%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8064, 0.3649, 0.3229 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 38.8064, 0.3649, 0.3229 by changing the saturation by 10% instead.


 38.8064, 0.3649,
0.3229


 38.8064, 0.3649,
0.3229


341.0667, 0.3378,
0.3264

 26.6092, 0.3720,
0.3219


 73.3425, 0.3548,
0.3243

 17.2799, 0.3813,
0.3204


 96.4501, 0.3511,
0.3248

 10.4343, 0.3940,
0.3183


123.9633, 0.3480,
0.3252

 5.6878, 0.4124,
0.3150

156.2664, 0.3454,
0.3255

 2.6562, 0.4413,
0.3091

193.7440, 0.3431,
0.3258

 0.9550, 0.4981,
0.3001

236.7802, 0.3411,

 0.0000, 1.0000,

0.3260


0.0000

285.7597, 0.3394,
0.3263


 0.0000, 0.0000,
0.0000

 38.8064, 0.3649,
0.3229

 38.8064, 0.3649,
0.3229


 31.9494, 0.3934,
0.3206


 46.9668, 0.3418,
0.3253

 26.3231, 0.4281,
0.3184

 56.4874, 0.3232,
0.3275


 21.8562, 0.4686,
0.3169

 67.4282, 0.3083,
0.3297

 18.4678, 0.5134,
0.3164

 79.8443, 0.2963,
0.3316

 16.0666, 0.5584,
0.3175

 92.1780, 0.2864,
0.3308

■ 14.5461, 0.5976,
0.3202

■ 92.2938, 0.2855,
0.3289

■ 13.7685, 0.6249,
0.3242

■ 13.5993, 0.6312,
0.3251

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.8064, 0.3365, 0.2979



38.8064, 0.3649, 0.3229



38.8064, 0.3786, 0.3504

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.8064, 0.3649, 0.3229



38.8064, 0.3200, 0.3843



38.8064, 0.2547, 0.2815

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.8064, 0.3649, 0.3229



56.7294, 0.2768, 0.3353

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.8064, 0.2510, 0.3019



38.8064, 0.3649, 0.3229



38.8064, 0.2875, 0.3632

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.8064, 0.3649, 0.3229



38.8064, 0.3516, 0.3877



38.8064, 0.2626, 0.3320



38.8064, 0.2731, 0.2744

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.8064, 0.3649, 0.3229



38.8064, 0.3773, 0.3672



38.8064, 0.2626, 0.3320



38.8064, 0.2518, 0.2869

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.8082, 0.3649, 0.3229



86.5280, 0.3254, 0.3273



40.1408, 0.3107, 0.2618



18.0133, 0.3280, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.8082, 0.3649, 0.3229



54.6227, 0.3801, 0.3216



46.6710, 0.3629, 0.3569



11.8251, 0.3277, 0.3270



8.3922, 0.6292, 0.3240



0.4753, 0.5982, 0.3069

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.8082, 0.3649, 0.3229



54.6227, 0.3801, 0.3216



46.7468, 0.2710, 0.2993



11.8251, 0.3277, 0.3270



8.3922, 0.6292, 0.3240



0.4753, 0.5982, 0.3069

Previews

White Background



This preview shows how the Yxy color 38.8064, 0.3649, 0.3229 looks on a white background.

Color Contrast Check

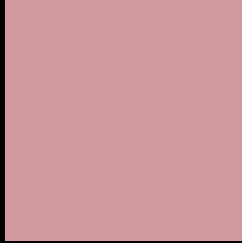
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 38.8064, 0.3649, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

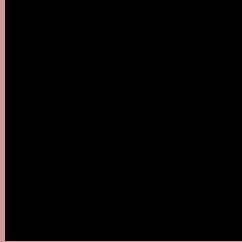
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8064, 0.3649, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 38.8064, 0.3649, 0.3229.



This preview shows how white text looks on a background with the Yxy color 38.8064, 0.3649, 0.3229.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.8064, 0.3649, 0.3229

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

38.9323, 0.3435, 0.3372



Tritanopia

38.8384, 0.3600, 0.3142

Trichromacy



Original Color

38.8064, 0.3649, 0.3229

Protanomaly

38.7993, 0.3340, 0.3277

Deuteranomaly

38.9664, 0.3512, 0.3317

Tritanomaly

38.7667, 0.3621, 0.3167

Monochromacy



Original Color

38.8064, 0.3649, 0.3229

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4944, 0.3299, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8064, 0.3649, 0.3229 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 158) }
```

Border

The CSS property to change the border of an element to Yxy 38.8064, 0.3649, 0.3229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 153, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 153, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8064, 0.3649, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
153, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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